

Suggested Production Procedures

PI Processing Meeting June 9

Mike Teague and Sol Broder

Suggested Production Procedures

- Production Procedures - procedures relating to the interfaces between the SDDTs and the MODAPS operational staff.
- Operations Procedures - procedures relating to the MODAPS data ingest, data processing, data distribution, hardware/software maintenance etc., performed by the operational staff.
 - An advanced draft of Operations Procedures Manual is scheduled for June 30, 1999
 - Procedures will be placed on WWW

Long-Term Production Plan

- MODAPS will operate with 0.5x system for approximately one year from launch
- Atmospheres:
 - Plan A.. Process two weeks out of four
 - Plan B. Process alternate days ?
- Oceans:
 - Plan A.. Process all time using reduced science algorithms for 1km resolution.
 - Plan B. Process all time for one pixel in two?
 - Plan B. Process TBD shorelines for all pixels ?
- Land:
 - Geographic, tile-based approach. Limited tiles 11 months per year and all tiles one month per year.

Production Planning Meetings

- For launch + 3 months (at least) Mon-Fri meetings at 4pm between SDDTs and MODAPS production staff to:
 - Plan future processing (daily plan)
 - Assess past production
 - Initiate PGE updates in operational MODAPS (e.g. disabling PGEs, adding new PGE version)
- Friday meeting will establish weekly plan.

Production Planning Meetings (cont.)

- Meeting attendees will include:
 - Mike Teague (GSC Production Manager)
 - Robbie Rodriguez (GSC Operations Manager)
 - Sol Broder (Govt. Operations Manager)
 - Ed Masuoka
 - Nazmi El Saleous (Land Coordinator)
 - Bill Ridgway (Atmospheres Coordinator)
 - TBD (Oceans Coordinator)

Production Reports

- PGE Status Chart:
 - Document progress of PGE version from receipt by SSTG to installation on mtvs 1
 - Will show actual and projected completion dates
 - Updated daily and included on WWW
- Production Summary Report:
 - E-mail and WWW-based reports summarizing actual and planned data processing activity and identifying problem areas and actions taken
 - Issued daily at 9 am
 - Weekly reports issued 9 am on Friday

Figure 1. PGE Status Chart

PGE	MOD_PR	Code from STM to STTG	Code Ingested into CM		SSTG Process Begins	SSTG to CM		CM Build for Test Process	I&T Test Complete		Acceptance Test Complete		Transfer to DAAC		Ops in MODAPS		Comments
			Date	Version		Date	Version		Date	Version	Date	Version	Date	Version	Date	Version	
09	18	4/20/99	4/20	2.1.4	4/21	6/12	2.1.12	6/12	6/13	2.1.12	6/15	2.1.12			6/1	2.1.11	
	18	4/23/99	4/23	2.2.0	4/24										6/1	2.1.11	
	18	4/25/99	4/25	2.3.0	4/26										6/1	2.1.11	
	18	5/9/99	5/9	2.4.0	5/10	6/2	2.4.6	6/3	6/9	2.4.6	6/25	2.4.7			6/30	2.4.7	

Completed: ☐

Failed: ☐

Projected: ☐

To: mteague@ltpmail.gsfc.nasa.gov
 From: Robert Rodriguez <robbie@gsccmail.gsfc.nasa.gov>
 Subject: Update to X-Day Progress Report for Sat/Sun June 5/6
 Cc: bill.ridgway@gsfc.nasa.gov, broder@pop900.gsfc.nasa.gov,
 curt@ltpmail.gsfc.nasa.gov, robert.wolfe@gsfc.nasa.gov,
 nazmi@kratmos.gsfc.nasa.gov, emasuoka@ltpmail.gsfc.nasa.gov,
 eric@kratmos.gsfc.nasa.gov, taslam@ltpmail.gsfc.nasa.gov, susan.walsh@rsmas.miami.edu,
 revans@rsmas.miami.edu

Bcc:

X-Attachments:

All:

Problems from previous report:

- MDO1. Fix identified and under test on M01. Miami will be contacted.
- MDL4. Problem still with developers.
- PGE33. Problem still with developers.
- DAO data problem for MDA1 fixed.

Activity for Friday through Sunday June 4-6:

MDA2 & MDA3 for day 223
 MDA1 completed for Day 224
 MDL3 completed for Day 224
 Ran MD1 for 2h Day 225.
 Ran MDA1 for 2h Day 225
 Ran MDL1 for 2h Day 225
 Ran MDL3 for first orbit Day 225
 Ran MDL5 for Day 224

Monday, June 7 planned activity:

- Initiate MDL10 (8-day land PGE 21 and 29)
- Initiate MDA2 and MDA3 (L3 atmospheres PGE 69 and 56) for Day 224

Problems remaining:

- Test MDO1 fix and contact Miami
- MDL4 fix
- PGE33 fix

Status Summary for Loaders in production testing (x=Done):

	Day 223	Day 224	Day 225
MD1	x	x	Partial
MDA1	x	x	Partial
MDA2	x		
MDA3	x		
MDL1	x	x	Partial
MDL3	x	x	Partial
MDL4			
MDL5	x	x	
MDL10			
MDO1			

Mike Teague

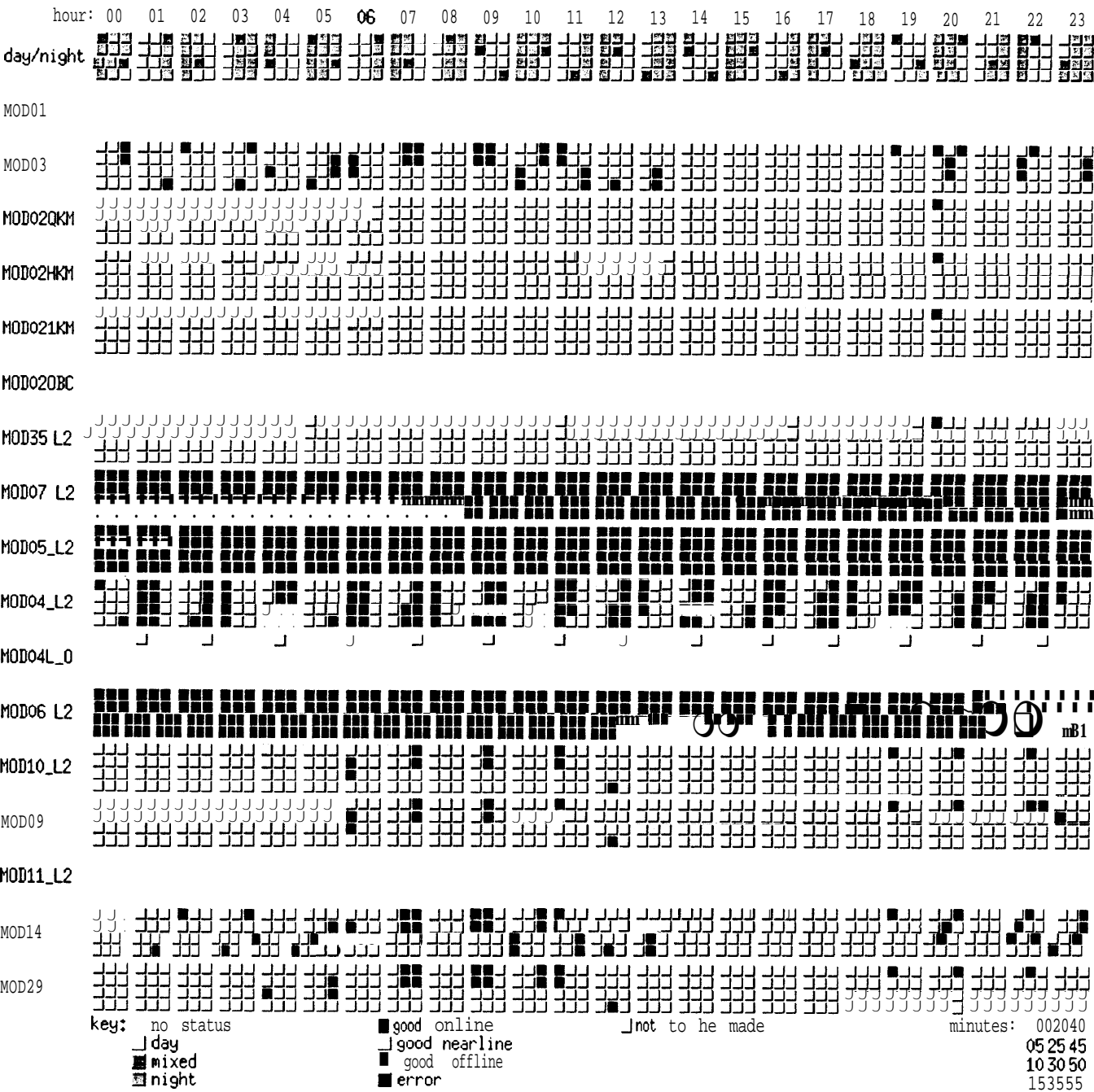
Production Reports (cont.)

- Tic-tat-toe Charts:
 - Some already exist on WWW at
`mtvs1.nascom.nasa.gov:8001/report/beta`
 - Two granule-based charts exist showing various land and oceans products as a function of time for any 24h period
 - A tile-based chart exists for L2G land products
 - Additional charts are under development for L3 oceans, atmospheres, and other L3 and L4 products

Granule Image for 1997 224

Tue Jun 8 10:03:18 1999

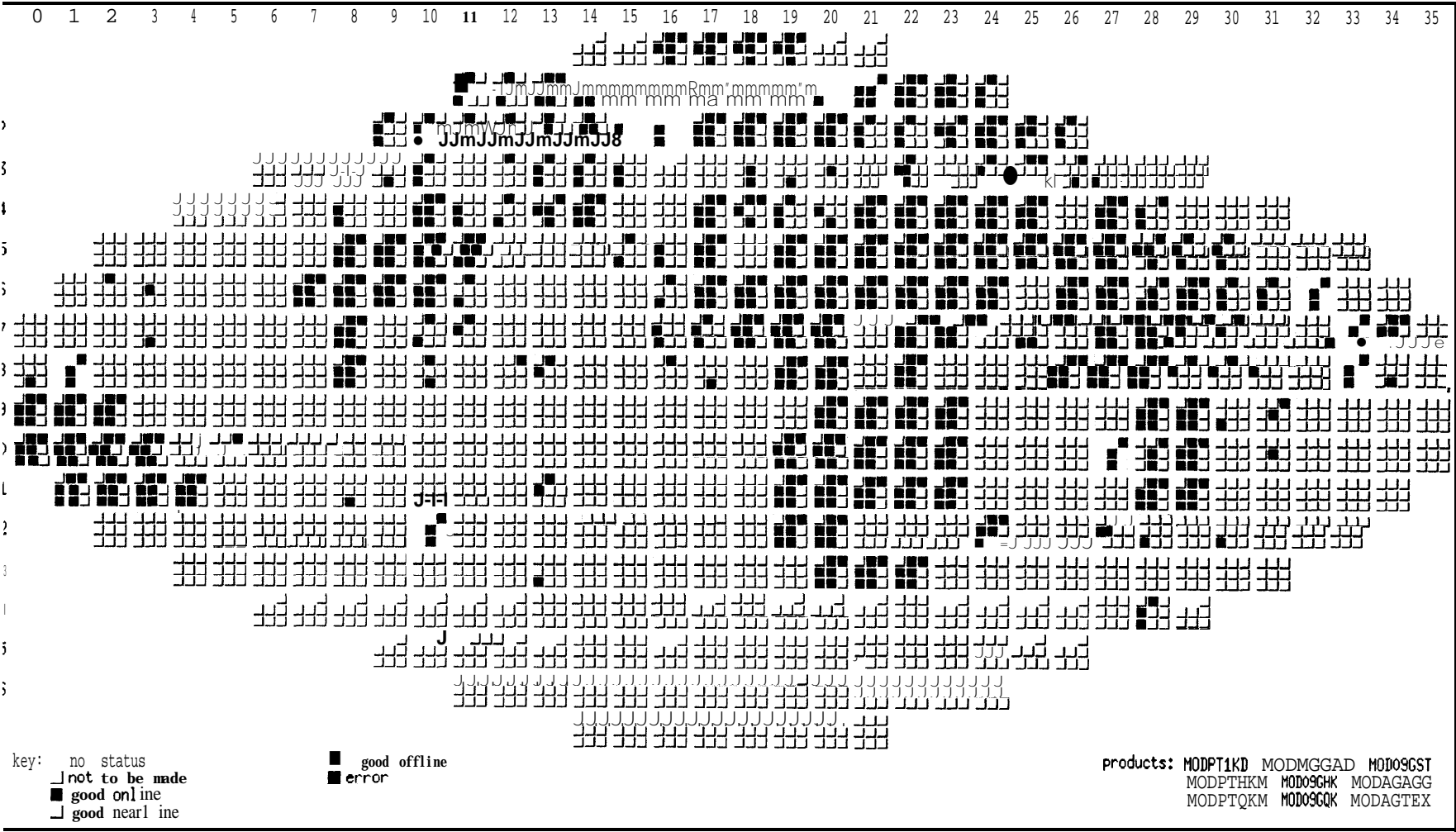
begin - end



aily Surface Reflectance for 1997 224

e Jun 8 10:36:05 1999

gin - end



Key

for further information contact: mebshelp@ltpmail.gsfc.nasa.gov

sponsible NASA Official: Ed Masuoka
 b Curator: problem@ltpmail.gsfc.nasa.gov